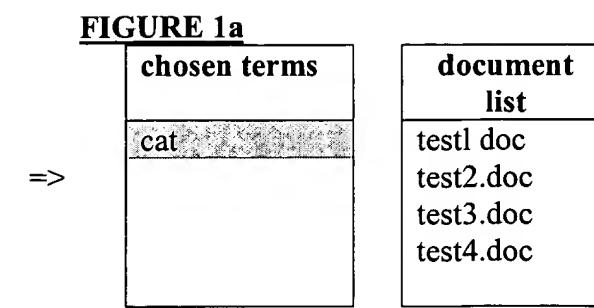


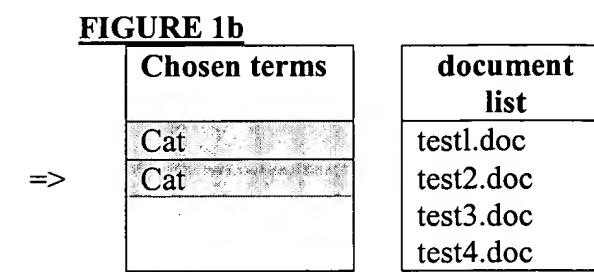
word list
bird
cat
dog
horse
snake

Operator
AND
NOT
OR
EXCL. OR



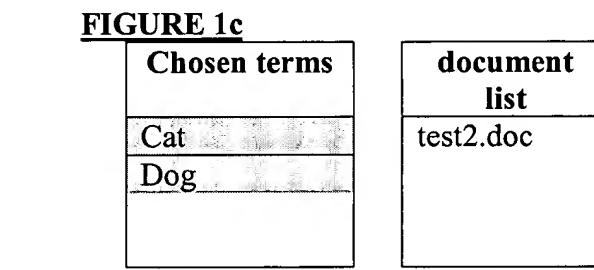
word list
cat
dog
horse

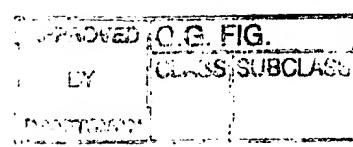
operator
AND
NOT
OR
EXCL. OR



word list
cat
dog
horse

operator
AND
NOT
OR
EXCL. OR





**FIGURE 2a**

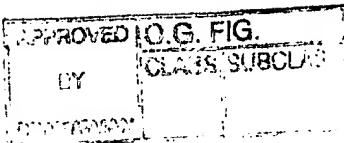
Name	size	frequency	Price
M-15-70	15	70	210
M-15-85	15	85	290
M-17-72	17	72	320
M-17-96	17	96	380
M-19-90	19	90	450
M-19-115	19	115	510
M-21-110	21	110	820
M-21-135	21	135	910

**FIGURE 2b**

name	size	Frequency	Price
M-15-70	15	70	210
M-15-85	15	85	290
M-17-72	17	72	320
M-17-96	17	96	380
M-19-90	19	90	450
M-19-115	19	115	510
M-21-110	21	110	820
M-21-135	21	135	910

**FIGURE 2c**

name	size	frequency	Price
M-17-72	17	72	320
M-17-96	17	96	380
M-19-90	19	90	450
M-19-115	19	115	510
M-21-110	21	110	820
M-21-135	21	135	910



**FIGURE 2d**

name	size	frequency	price
M-17-72	17	72	320
M-19-90	19	90	450
M-17-96	17	96	380
M-21-110	21	110	820
M-19-115	19	115	510
M-21-135	21	135	910

**FIGURE 2e**

Name	size	frequency	Price
M-17-96	17	96	380
M-21-110	21	110	820
M-19-115	19	115	510
M-21-135	21	135	910

**FIGURE 2f**

name	size	frequency	Price
M-17-96	17	96	380
M-19-115	19	115	510
M-21-110	21	110	820
M-21-135	21	135	910

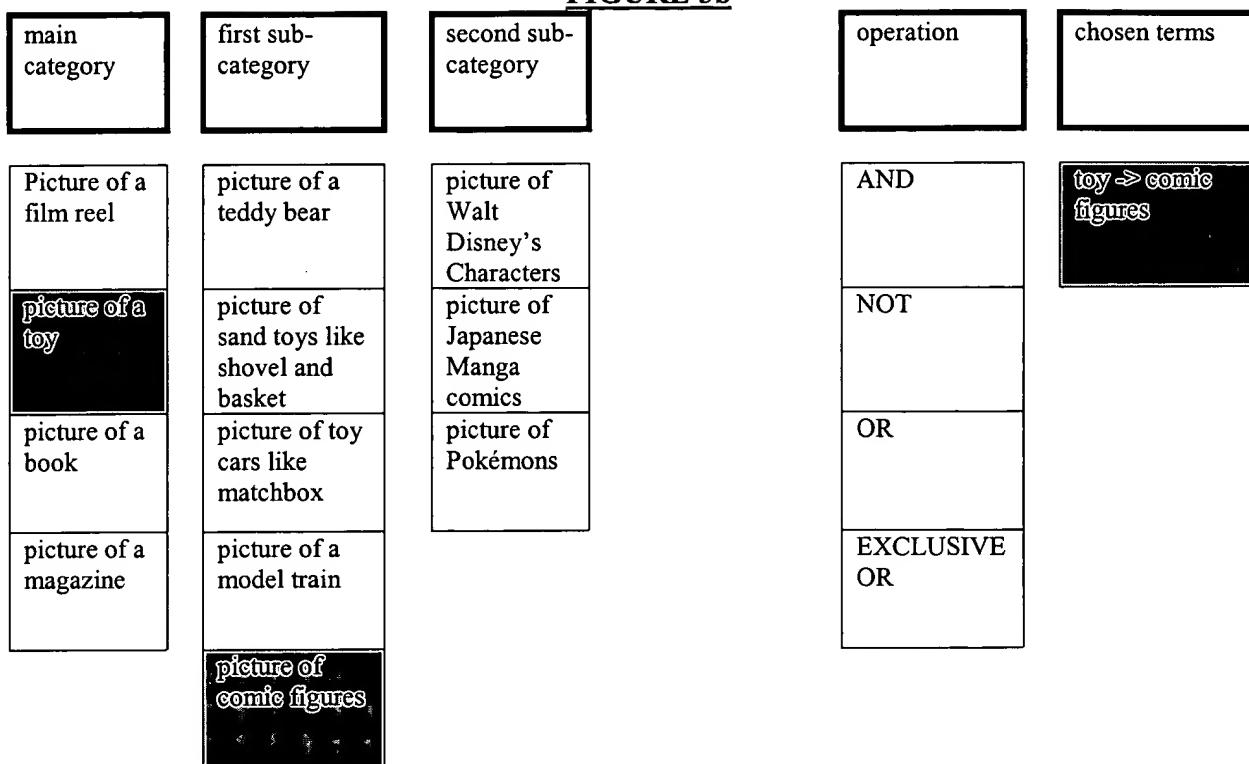
**FIGURE 2g**

name	size	frequency	Price
M-17-96	17	96	380

**FIGURE 3a**

main category	first sub-category	operation	chosen terms
Picture of a film reel	picture of a teddy bear	AND	toy
picture of a computer	picture of toys like shovel and basket	NOT	
picture of a toy	picture of toy cars like matchbox	OR	
picture of a book	picture of a model train	EXCLUSIVE OR	
picture of a washing machine	picture of comic figures		

**FIGURE 3b**



**FIGURE 3c**

main category	first sub-category	second sub-category	third sub-category	operation	chosen terms
Picture of a film reel	picture of a teddy bear	picture of Walt Disney's characters	picture of Mickey Mouse	AND	toy > comic figures -> Walt Disney
picture of a toy	picture of sand toys like shovel and basket	picture of Japanese Manga comics	picture of Donald	NOT	
picture of a book	picture of toy cars like matchbox	picture of Pokémons	picture of Uncle Scrooge	OR	
picture of a magazine	picture of a model train		picture of Pluto	EXCLUSIVE OR	
	picture of comic figures		picture of Minnie Mouse		

**FIGURE 3d**

main category	first sub-category	second sub-category	third sub-category	operation within main category	chosen terms
Picture of a film reel	picture of a teddy bear	picture of Walt Disney's characters	picture of Mickey Mouse	AND	(toy -> comic figures -> Walt Disney) AND
picture of a toy	picture of sand toys like shovel and basket	picture of Japanese Manga comics	picture of Donald	NOT	(toy)
picture of a book	picture of toy cars like matchbox	picture of Pokémons	picture of Uncle Scrooge	OR	
picture of a magazine	picture of a model train		picture of Pluto	EXCLUSIVE OR	
	picture of comic figures		picture of Minnie Mouse		

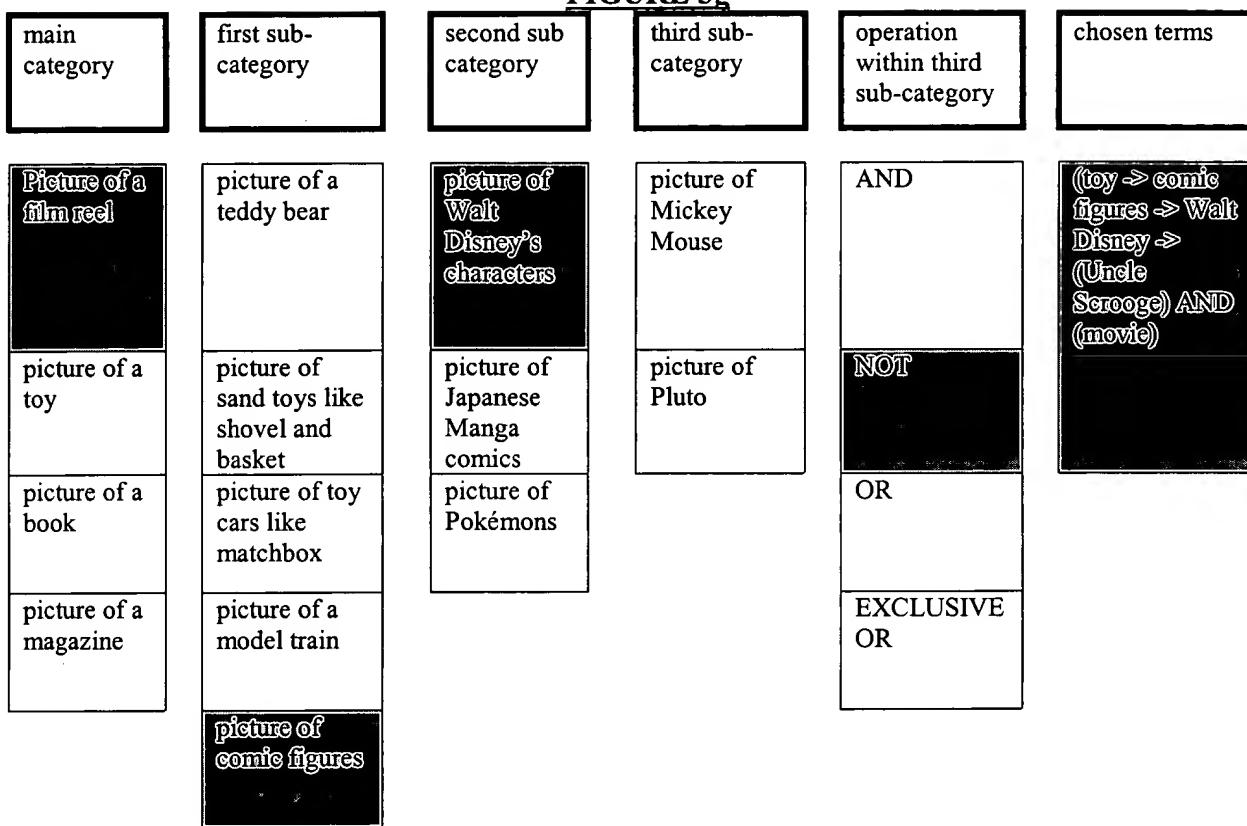
**FIGURE 3e**

main category	first sub-category	second sub-category	third sub-category	operation	chosen terms
Picture of a film reel	picture of a teddy bear	picture of Walt Disney's characters	picture of Mickey Mouse	AND	(toy -> comic figures -> Walt Disney>Uncle Scrooge) AND (movie)
picture of a toy	picture of sand toys like shovel and basket	picture of Japanese Manga comics	picture of Donald	NOT	
picture of a book	picture of toy cars like matchbox	picture of Pokémons	picture of Uncle Scrooge	OR	
picture of a magazine	picture of a model train		picture of Pluto	EXCLUSIVE OR	
	picture of comic figures		picture of Minnie Mouse		

**FIGURE 3f**

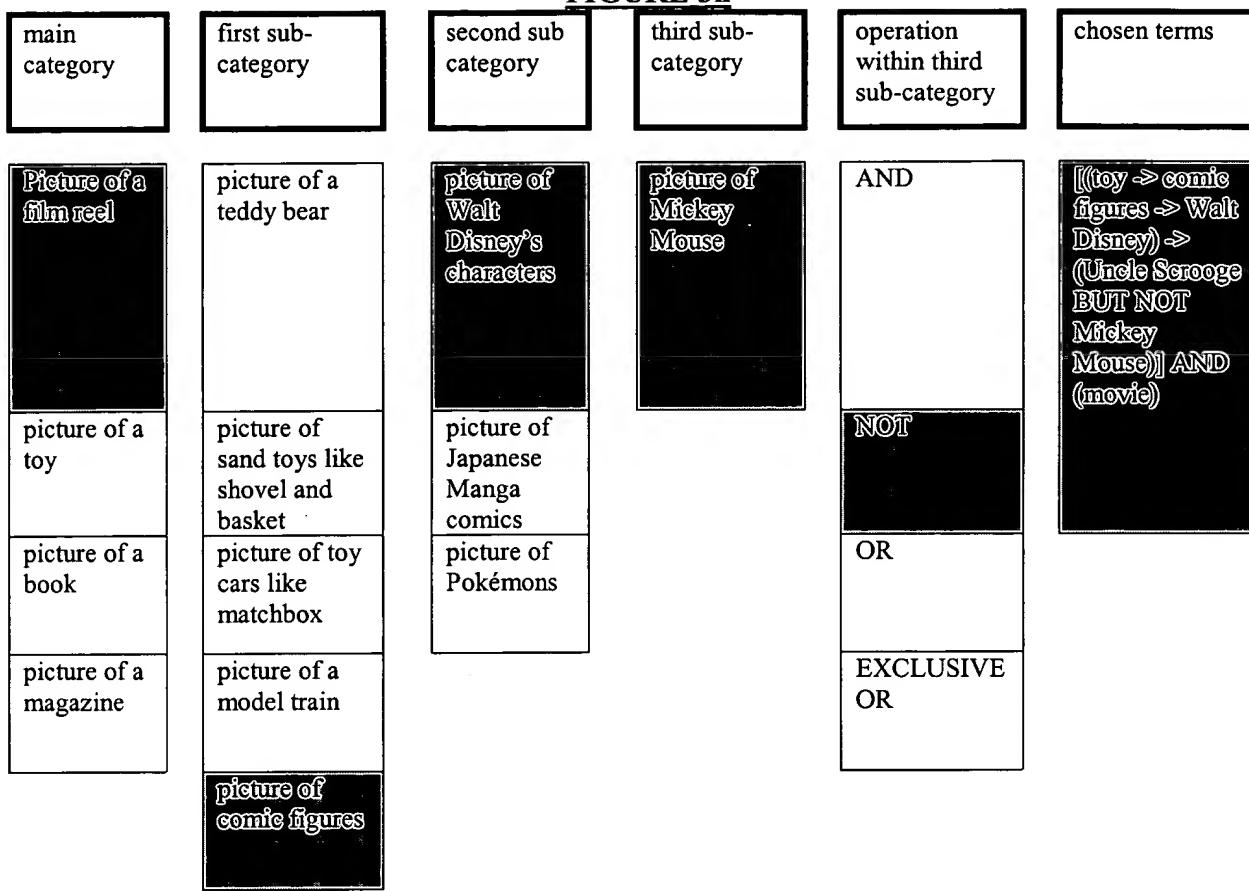
main category	first sub-category	second sub-category	third sub-category	operation	chosen terms
Picture of a film reel	picture of a teddy bear	picture of Walt Disney's characters	picture of Mickey Mouse	AND	((toy → comic figures → Walt Disney) → AND (movie))
picture of a toy	picture of sand toys like shovel and basket	picture of Japanese Manga comics	picture of Donald	NOT	
picture of a book	picture of toy cars like matchbox	picture of Pokémons	picture of Uncle Scrooge	OR	
picture of a magazine	picture of a model train	picture of Pluto	picture of Pluto	EXCLUSIVE OR	
	picture of comic figures				

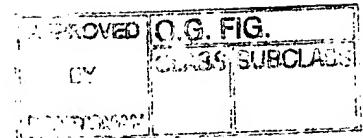
**FIGURE 3g**



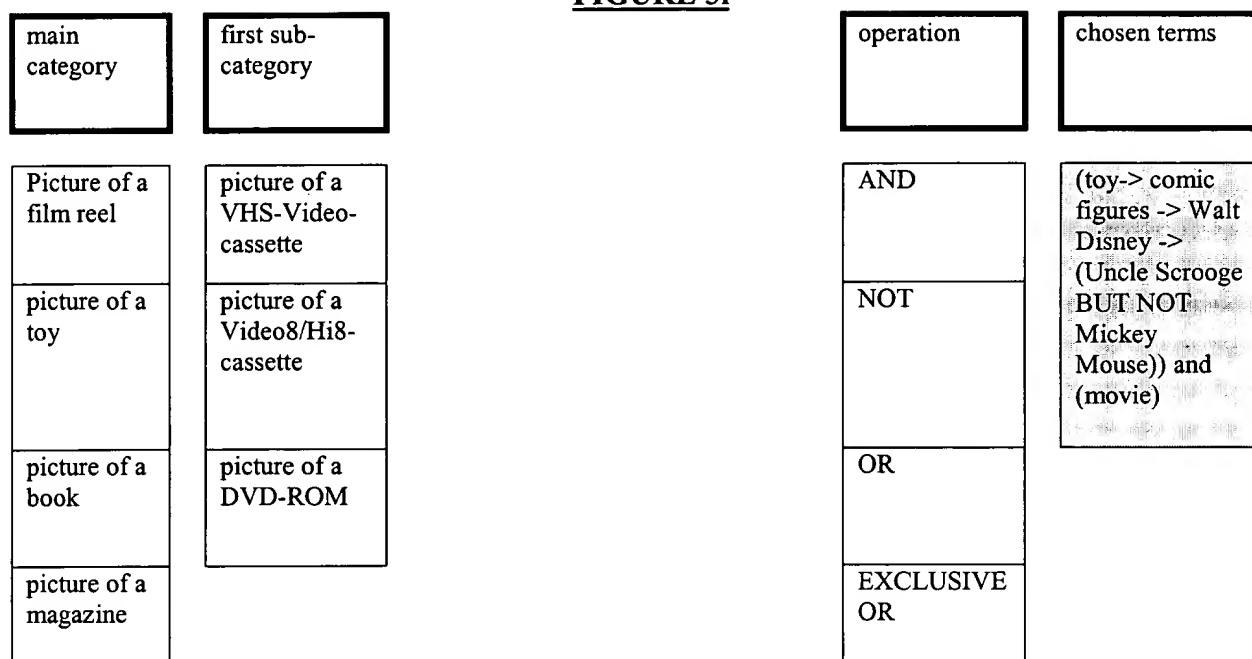
APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
MAN	

**FIGURE 3h**

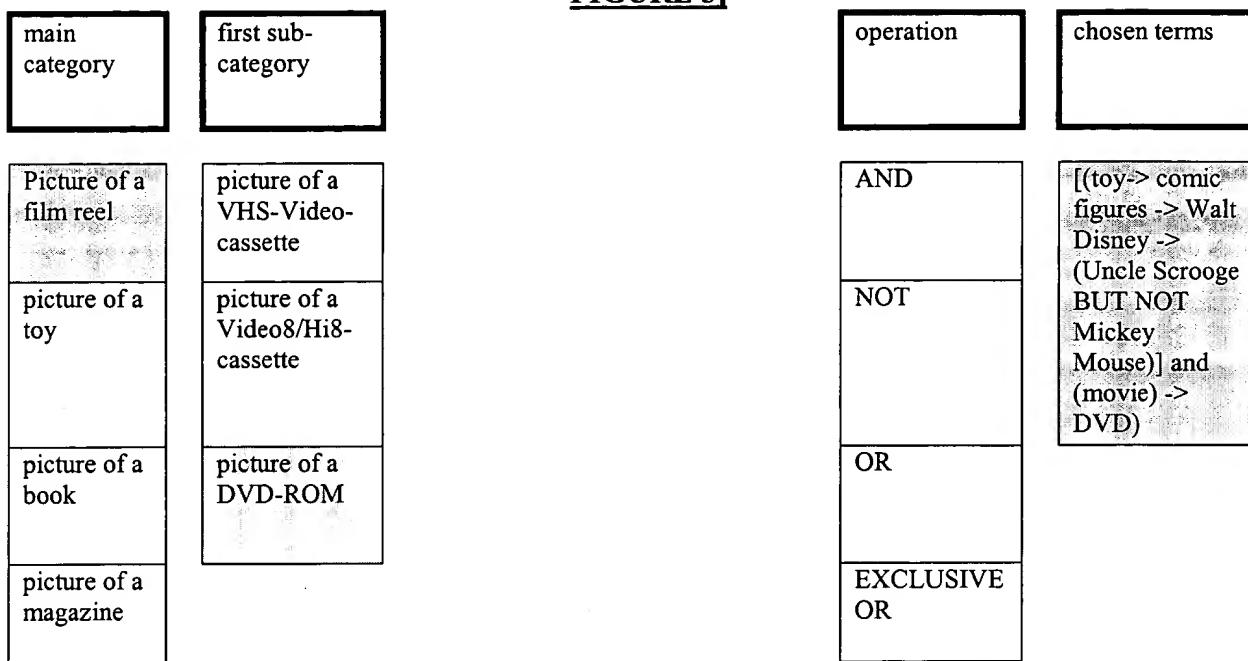


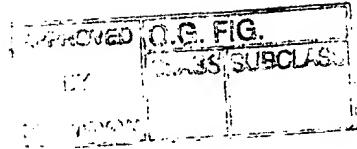


**FIGURE 3i**



**FIGURE 3j**





**FIGURE 4a**

WORD	OPERATION	RESULT	HISTORY
flavour		soup 1	
onion	AND	soup 2	
paprika	NOT	soup 3	
pork	OR		
potato	EXCL. OR		
salt			
tomato			
water			

**FIGURE 4b**

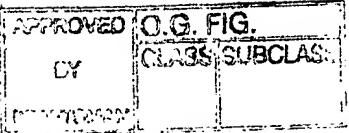
WORD	OPERATION	RESULT	HISTORY
flavour		soup 2	
onion	AND	soup 3	
paprika	NOT		
pork	OR		
potato	EXCL. OR		
salt			
tomato			
water			

**FIGURE 4c**

WORD	OPERATION	RESULT	HISTORY
flavour		soup 2	
onion	AND	soup 3	
pork	NOT		
potato	OR		
salt	EXCL. OR		
tomato			
water			

**FIGURE 4d**

WORD	OPERATION	RESULT	HISTORY
flavour		soup 2	
onion	AND		
pork	NOT		
potato	OR		
salt	EXCL. OR		
tomato			
water			



**FIGURE 5a**

PLANET	MASS	INSTANCE	DIAMETER
Mercury	0.037	57.85	4,800
Venus	0.826	108.10	12,200
Earth	1.000	149.45	12,757
Mars	0.108	227.72	6,800
Jupiter	318.4	777.6	142,700
Saturn	95.2	1,425.6	120,800
Uranus	14.6	2,668.1	49,700
Neptune	17.3	4,494.1	53,000
Pluto	0.8	5,905.9	5,000

mass = mass relative to the mass of the Earth  
 distance = medium distance from the Sun in million km  
 diameter = average diameter in km

**FIGURE 5b**

available operations	planet
planets heavier than Earth	Mercury
planets lighter than Earth	Venus
planets farther away from the Sun than Earth	Earth
planets nearer to the Sun than Earth	Mars
planets larger than Earth	Jupiter
planets smaller than Earth	Saturn
	Uranus
	Neptune
	Pluto

**FIGURE 5c**

available operations
planets heavier than Earth
planets lighter than Earth
planets farther away from the Sun than Earth
planets nearer to the Sun than Earth
planets larger than Earth
planets smaller than Earth

**FIGURE 5d**

available operations	planet
planets lighter than Earth	Mercury
planets smaller than Earth	Venus

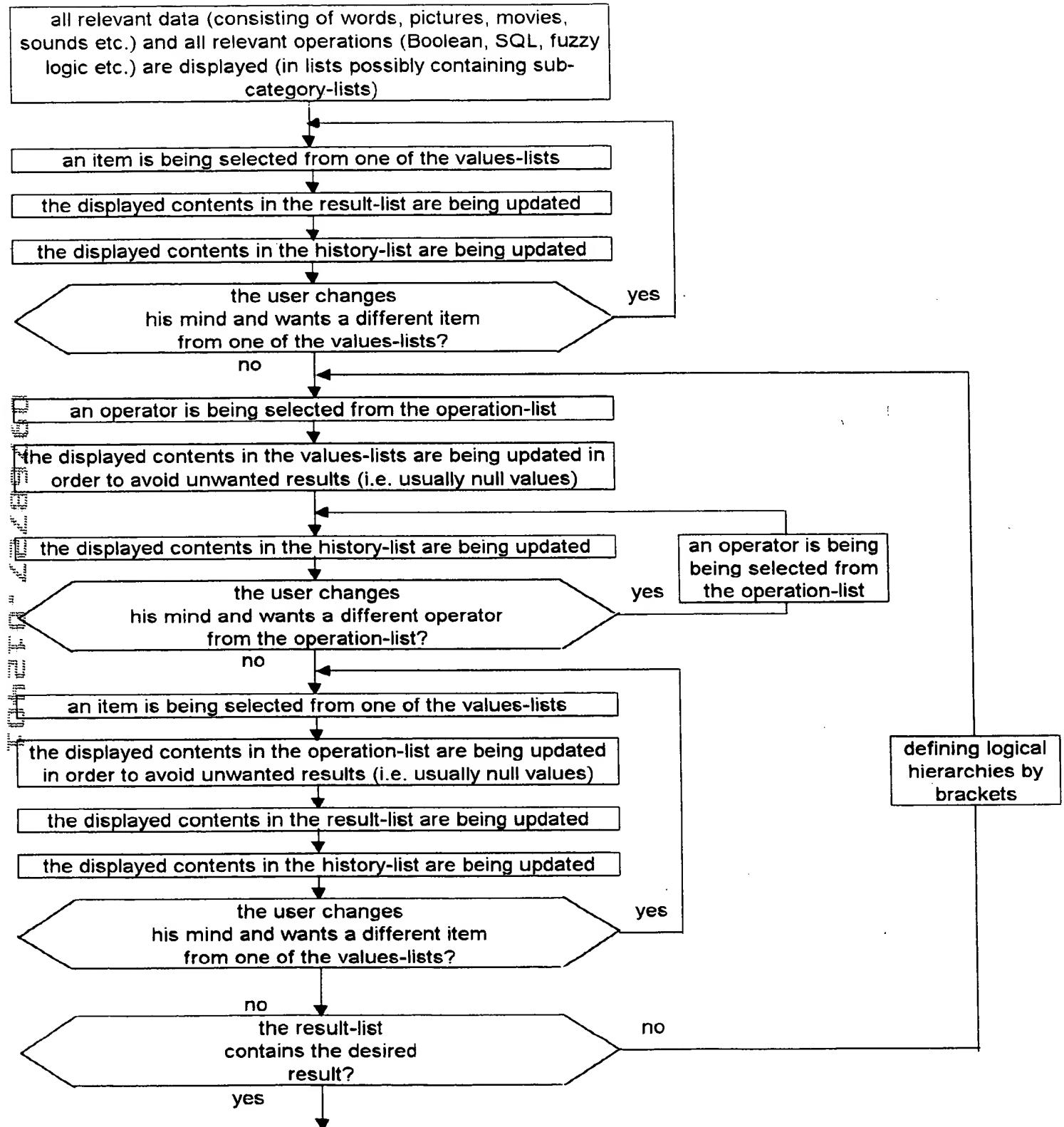


FIGURE 6